

Response and amendment 10/706,708
Amdt. Dated May 10, 2005

PATENT

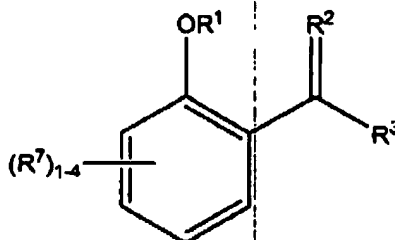
Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application. Please cancel claims 31-33 and 43-48 without prejudice to their presentation in other applications.

Listing of Claims:

Claims 1-26 (previously canceled)

27. (previously presented) A method for the treatment of onychomycosis comprising:
topically administering a composition comprising:
a compound according to formula I, and salts thereof;



(I)

where R¹ is hydrogen, alkyl or aryl;

R³ is hydroxy, heteroalkyl, alkyl, heteroaryl or aryl;

R² is O or S;

each R⁷ is independently hydrogen, alkyl, hetero, heteroalkyl, aryl or heteroaryl;

a copper composition;

a peroxide;

a polyhydroxy aromatic compound;

a transition metal coordination complex;

dissolved or suspended in a pharmaceutically acceptable carrier.

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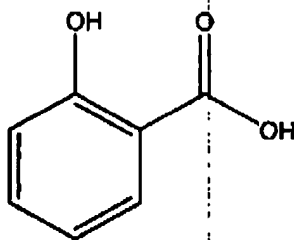
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28. (previously presented) The method according to claim 27 wherein the composition further comprises a boric acid.

29. (previously presented) A method for the treatment of onychomycosis comprising:

- (a) cleaning a selected topical area for treatment;
- (b) topically administering a composition consisting essentially of;
a compound according to formula II



(II)

a copper composition;
a peroxide;
a polyhydroxy aromatic compound;
a transition metal coordination complex;
dissolved or suspended in a pharmaceutically acceptable carrier and pharmaceutically acceptable salts thereof.

30. (previously presented) The method according to claim 29 wherein the composition further comprises boric acid and the step of cleaning further includes debriding.

31. (presently canceled)

32. (presently canceled)

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33. (presently canceled)

34. (previously presented) The method according to claim 27 wherein the copper composition of the compound is a copper complex.

35. (previously presented) The method according to claim 34 wherein the copper complex is a diamine polymer-copper complex.

36. (previously presented) The method according to claim 27 wherein the coordination complex of the compound is a Co chelate or complex.

37. (previously presented) The method according to claim 27 wherein the coordination complex of the compound is a Zn chelate or complex.

38. (previously presented) The method according to claim 27 wherein the coordination complex of the compound is a Fe chelate or complex.

39. (previously presented) The method according to claim 27 wherein the polyhydroxy aromatic compound of the composition is a 1,2,4,5-tetra hydroxy benzene.

40. (previously presented) The method according to claim 27 wherein the peroxide of the compound is an organic peroxide.

41. (previously presented) The method according to claim 27 wherein the peroxide of the compound is an inorganic peroxide.

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42. (previously presented) The method according to claim 27 wherein the peroxide of the compound is hydrogen peroxide.

43. (presently canceled)

44. (presently canceled)

45. (presently canceled)

46. (presently canceled)

47. (presently canceled)

48. (presently canceled)